



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

KIRCHHOF

Atty. Ref.: 839-1455

Serial No. 10/685,530

Group: Not Yet Assigned

Filed: October 16, 2003

Examiner: Not Yet Assigned

For: METHOD AND APPARATUS FOR CONTROLLING  
STEAM TURBINE INLET FLOW TO LIMIT SHELL  
AND ROTOR THERMAL STRESS

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

KIRCHHOF

Serial No. **Error! Reference source not found.**

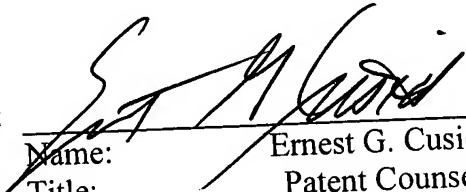
**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

Nov 3 2003 By:   
Date Name: Ernest G. Cusick  
Title: Patent Counsel

Attachment: Copy of Assignment

COPY

125789

839-1455

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I acknowledge receipt, I, Darrin Glen Kirchhof of 3031 Sunset Lane, Schenectady, New York 12303, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns my entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me and described in the application for United States Patent currently entitled METHOD AND APPARATUS FOR CONTROLLING STEAM TURBINE INLET FLOW TO LIMIT SHELL AND ROTOR THERMAL STRESS and 125789

- ☒ signed as of even date,  
☐ signed as of \_\_\_\_\_, or  
☐ filed on \_\_\_\_\_ having Serial Number

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

COPY

COPY

Darrin Glen Kirchhof  
Darrin Glen Kirchhof

10/10/2003  
Date

Witnessed by:

Name: Bryan E. Sweet Date: 10/10/2003  
Signature of witness

Bryan E. Sweet  
Printed name of witness

Name: David T. Trayhan Jr. Date: 12/10/2003  
Signature of witness

DAVID T. TRAYHAN JR.  
Printed name of witness

STATE OF \_\_\_\_\_

ss):

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named, Darrin Glen Kirchhof, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

COPY